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Substitution form 1449/PTO

Application Number 10/796,378

INFORMATION DISCLOSURE

Filling Date 03/09/04

STATEMENT BY APPLICANT

First Named Inventor Eric D. Brill

(Use as many sheets as necessary)

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Sheet

Filing Date 03/09/04

First Named Inventor Eric D. Brill

Art Unit Unknown CC S

Examiner Name Unknown MS306750.1/MSFTP584US

Examiner Initials* Cite No.1 Include name of the author (in CAPITAL LETTERS), title the item (book, magazine, journal, serial, symposium, cat number(s), publisher, city and/or countend twelfth international conference on Information and knowled Orleans, Louisiana, USA. ANDREI BRODER, A Taxonomy of web search, IBM Rese SUSAN DUMAIS, et al., Optimizing Search by Showing Re 277-284, Seattle, Washington, USA. SUSAN DUMAIS, et al., Hierarchical Classification of Web 263, Athens, Greece.	ralog, etc.), date, page(s), volume-issue try where published. raiated Queries, Proceedings of the dge management, 2003, pp. 2-9, New earch, 2002, 8 pages. results in Context, SIGCHI'01, 2001, pp.
twelfth international conference on Information and knowled Orleans, Louisiana, USA. ANDREI BRODER, A Taxonomy of web search, IBM Rese SUSAN DUMAIS, et al., Optimizing Search by Showing Re 277-284, Seattle, Washington, USA. SUSAN DUMAIS, et al., Hierarchical Classification of Web	dge management, 2003, pp. 2-9, New Parch, 2002, 8 pages. Posults in Context, SIGCHI'01, 2001, pp.
SUSAN DUMAIS, et al., Optimizing Search by Showing Re 277-284, Seattle, Washington, USA. SUSAN DUMAIS, et al., Hierarchical Classification of Web	esults in Context, SIGCHI'01, 2001, pp.
277-284, Seattle, Washington, USA. SUSAN DUMAIS, et al., Hierarchical Classification of Web	
SUSAN DUMAIS, et al., Hierarchical Classification of Web 263, Athens, Greece.	Content, SIGIR 2000, 2000, pp. 256-
DOUG BEEFERMAN, et al., Agglomerative clustering of a 2000, pp. 407-416, Boston, Massachusetts, USA.	search engine query log, KDD 2000,
ANTON LEUSKI, et al., Details of Lighthouse, University of Amherst, Massachusetts, USA.	Massachusetts, 2000, pp. 1-15,
OREN ZAMIR, et al., Grouper: A Dynamic Clustering Interface of Washington, 1999, 15 pages, Seattle, Washington, USA.	ace to Web Search Results, University
JAIME CARBONELL, et al., The Use of MMR, Diversity-Bar Documents and Producing Summaries, SIGIR'98, 1998, pp	
SERGEY BRIN et al., The Anatomy of a Large-Scale Hyper University, 1998, pp.1-18.	rtextual Web Search Engine, Stanford

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PTO/SB/08B (08-03)

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		NON PATENT LITERATURE DOCUMENTS					
Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
Au		BODO BILLERBECK, et al., Query Expansion using Associated Queries, Proceedings of the twelfth international conference on Information and knowledge management, 2003, pp. 2-9, New Orleans, Louisiana, USA.					
\ /		ANDREI BRODER, A Taxonomy of web search, IBM Research, 2002, 8 pages.					
		SUSAN DUMAIS, et al., Optimizing Search by Showing Results in Context, SIGCHI'01, 2001, pp. 277-284, Seattle, Washington, USA.					
	· ·	SUSAN DUMAIS, et al., Hierarchical Classification of Web Content, SIGIR 2000, 2000, pp. 256-263, Athens, Greece.					
		DOUG BEEFERMAN, et al., Agglomerative clustering of a search engine query log, KDD 2000, 2000, pp. 407-416, Boston, Massachusetts, USA.	·				
		ANTON LEUSKI, et al., Details of Lighthouse, University of Massachusetts, 2000, pp. 1-15, Amherst, Massachusetts, USA.					
		OREN ZAMIR, et al., Grouper: A Dynamic Clustering Interface to Web Search Results, University of Washington, 1999, 15 pages, Seattle, Washington, USA.					
		JAIME CARBONELL, et al., The Use of MMR, Diversity-Based Reranking for Reordering Documents and Producing Summaries, SIGIR'98, 1998, pp. 335-336, Melbourne, Australia.					
ml		SERGEY BRIN et al., The Anatomy of a Large-Scale Hypertextual Web Search Engine, Stanford University, 1998, pp.1-18.					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		10796378		
Filing Date		2004-03-09		
First Named Inventor Eric I		D. Brill		
Art Unit		2163		
Examiner Name	Unkn	iown 1Cindred		
Attorney Docket Number		MS306750.01/MSFTP584US		

pu-	1	European Search Report dated March 8, 2006 mailed March 16, 2006 for European Patent Application Serial No. 05101639, 4 Pages						
	2	GLANCE N S ED - LESTER J C (ED) ASSOCIATION FOR COMPUTING MACHINERY: "Community Search Assistant" 2001 INTERNATIONAL CONFERENCE ON INTELLIGENT USER INTERFACES. IUI 2001. SANTA FE, NM, JAN. 14-17, 2001, ANNUAL INTERNATIONAL CONFERENCE ON INTELLIGENT USER INTERFACES, NEW YORK, NY: ACM, US, 2001						
	3	L FITZPATRICK AND DENT M ED - BELKIN N J ET AL ASSOCIATION FOR COMPUTING MACHINERY: "Automatic Feedback Using Past Queries: Social Searching?" PROCEEDINGS OF THE 20TH ANNUAL INTERNATIONAL ACM-SIGIR CONFERENCE ON RESEARCH AND DEVELOPMENT IN INFORMATION RETRIEVAL. PHILIDELPHIA, PA, JULY 27-31, 1997, ANNUAL INTERNATIONAL ACM-SIGIR CONFERENCE ON RESEARCH AND DEVELOPMENT IN INFORMATION RETRIEV, 1997						
	4	V V RAGHAVAN, et al., ASSOCIATION FOR COMPUTING MACHINERY: "ON THE REUSE OF PAST OPTIMAL QUERIES" SIGIR '95. PROCEEDINGS OF THE 18TH ANNUAL INTERNATIONAL ACM SIGIR CONFERENCE ON RESEARCH AND DEVELOPMENT IN INFORMATION RETRIEVAL, SEATTLE, JUL. 9-13, 1995, SIGIR. PROCEEDINGS OF THE ANNUAL INTERNATIONAL ACM SIGIR CONFERENCE ON RESEARCH AND DEVELO, 9 July 1995						
	5	U NAMBIAR ET AL.: "Answering Imprecise Database Queries: A Novel Approach" WIDM' 03, NEW ORLEANS, LOUISIANA, USA, 7 November 2003						
	6	B D DAVISON, ET AL.: "Finding relevant Website Queries" WWW2003, TWELFTH INTERNATIONAL WORLD WIDE WEB CONFERENCE, 20 May 2003.						
	7	W W CHU ET AL.: "Associative query answering via query feature similarity" INTELLIGENT INFORMATION SYSTEMS, 1997. IIS '97. PROCEEDINGS GRAND BAHAMA ISLAND, BAHAMAS 8-10 DEC. 1997, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 8 December 1997						
100	8	V MENKOV ET AL: "ANTWORLD: A COLLABORATIVE WEB SEARCH TOOL" INTERNET CITATION, 18 February 2001						
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